

App. No. 10/045,553
Reply to Office Action of October 24, 2003
Atty Ref. No.: P-10289.00 US

AMENDMENTS TO THE SPECIFICATION

Amendments to the Specification are presented below. Deletions are identified in bold with double brackets and strikethrough (e.g. ~~[[deletion]]~~) and new text is identified in bold with underlining (e.g. new language).

Please replace paragraph [21] with the following amended paragraph:

[21] The conductor 44, electrical connector 46 and electrode 42 provide an electrical path through the lead body 43. The conductor 44 is contained in the lead 40 extending from the body proximal end 45 to the body distal end 41. The conductor 44 can be manufactured from materials such as MP35N, silver drawn filled tubing (Ag-DFT), Platinum iridium alloys, platinum and the like. Conductor 44 configurations could include stranded, braided or solid wire configured in linear or helical coil arrangements. The conductor 44 is electrically insulated with a polymer ~~[[ploymer]]~~. The polymer could be, but is not limited to, ethylene tetrafluoroethylene (ETFE), polytetrafluoroethylene (PTFE), silicone rubber or polyurethane. Other materials that act as electrical insulators can be used. The electrical connector 46 is carried on the body proximal end 45 and electrically connected to the conductor 44. The electrical connector 46 is configured to couple to the implantable neurological stimulator 22 or neurological monitor. The electrode 42 is carried on the body distal end 41 and electrically connected to the conductor 44.